

DEPARTMENT OF THE AIR FORCE  
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (MAC)  
BLDG 159 NAVY YARD ANNEX, WASHINGTON, DC 20333



REPLY TO  
ATTN OF: ETAC/EAD (#5921/TSgt White)

9 Oct 1968

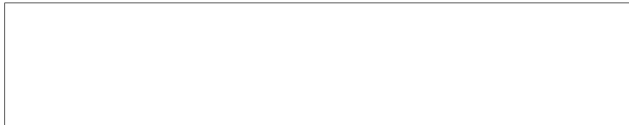
SUBJECT: Precipitation Data Request

TO: Det 1, AWS  
P.O. Box 4418  
Brookland Station  
Washington, D.C. 20017

1. Reference the request for precipitation data for selected stations in Chile and Argentina for the period August 1967 through August 1968.

2. Attachment one contains monthly precipitation amounts and monthly departure from mean precipitation for available stations in the specific areas requested. The data for the period August 1967 through April 1968 was obtained from actual monthly totals submitted by the individual stations through WMO channels. This data has not as yet been received for the period May through August 1968. The totals for these months were obtained by manually tabulating daily precipitation values from six hourly weather reports available on the ETAC history files. Data was available 90% of the time. Sufficient off-time data were available to make reliable subjective estimates for missing data.

FOR THE COMMANDER



Chief, Environmental Applications Division

1 Atch  
Monthly Precip Totals.

25X1

1011  
MAGAZINE  
BLDG.

## CHILE

|                               | AUG<br>67  | SEP<br>67  | OCT<br>67 | NOV<br>67  | DEC<br>67  | JAN<br>68 | FEB<br>68  | MAR<br>68 | APR<br>68  | MAY<br>68   | JUN<br>68   | JUL<br>68  | AUG<br>68   |                |  |
|-------------------------------|------------|------------|-----------|------------|------------|-----------|------------|-----------|------------|-------------|-------------|------------|-------------|----------------|--|
| CONCEPCION<br>36:46S-73:07W   | 129<br>-54 | 83<br>-20  | 63<br>+4  | M          | 12<br>-16  | 2<br>-17  | 18<br>+1   | 19<br>M   | 50<br>-35  | 35<br>-176  | 81<br>-169  | 52<br>M    | 70<br>-113  | (ACTUAL-MM)    |  |
|                               |            |            |           |            |            |           |            |           |            |             |             |            |             | (DEPARTURE-MM) |  |
| LOS ANGELES<br>37:26S-72:22W  | 33<br>-43  | 77<br>-27  | 74<br>+16 | 24<br>-19  | 22<br>-9   | 0<br>-25  | 35<br>+9   | 20<br>M   | M          | 11<br>-213  | 133<br>-118 | 50<br>-156 | 74<br>-2    | (ACTUAL-MM)    |  |
|                               |            |            |           |            |            |           |            |           |            |             |             |            |             | (DEPARTURE-MM) |  |
| TEMUCO<br>38:46S-72:39W       | 162<br>+2  | 99<br>0    | 89<br>+16 | 36<br>-36  | 31<br>-27  | 5<br>-30  | 65<br>+25  | 20<br>M   | 12<br>-100 | 52<br>-168  | 31<br>-176  | 47<br>M    | 75<br>-85   | (ACTUAL-MM)    |  |
|                               |            |            |           |            |            |           |            |           |            |             |             |            |             | (DEPARTURE-MM) |  |
| VALDIVIA<br>39:48S-73:14W     | M<br>M     | 122<br>-92 | 128<br>+9 | 16<br>-29  | 125<br>+18 | 4<br>-62  | 90<br>+22  | 40<br>-75 | 99<br>-113 | 165<br>-212 | 83<br>M     | 159<br>M   | 191<br>M    | (ACTUAL-MM)    |  |
|                               |            |            |           |            |            |           |            |           |            |             |             |            |             | (DEPARTURE-MM) |  |
| PUERTO MONTT<br>41:26S-73:07W | 349<br>+53 | 177<br>-18 | 90<br>-49 | 135<br>+28 | 125<br>+30 | 44<br>-45 | 145<br>+55 | 100<br>M  | 149<br>-5  | 235<br>-51  | 149<br>-153 | 258<br>-14 | 152<br>-144 | (ACTUAL-MM)    |  |
|                               |            |            |           |            |            |           |            |           |            |             |             |            |             | (DEPARTURE-MM) |  |

## ARGENTINA

|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          |                |  |
|----------------------------------|----------|-----------|------------|-----------|-----------|-----------|----------|-----------|-----------|----------|-----------|----------|----------|----------------|--|
| SAN JUAN<br>31:36S-68:33W        | 0<br>-2  | 4<br>-1   | T<br>-9    | 27<br>+18 | M<br>M    | 17<br>-7  | 8<br>-4  | 26<br>+18 | 5<br>0    | 0<br>-1  | 0<br>-3   | 0<br>-3  | 0<br>-2  | (ACTUAL-MM)    |  |
|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          | (DEPARTURE-MM) |  |
| CRISTO REDENTOR<br>32:50S-70:05W | 25<br>M  | 93<br>M   | 163<br>M   | 43<br>M   | 2<br>M    | 0<br>M    | 2<br>M   | 20<br>M   | 15<br>M   | 3<br>M   | 7<br>M    | 7<br>M   | 37<br>M  | (ACTUAL-MM)    |  |
|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          | (DEPARTURE-MM) |  |
| MENDOZA<br>32:51S-68:47W         | 0<br>-8  | 4<br>-12  | 22<br>0    | 17<br>+2  | 72<br>+53 | 4<br>-25  | 12<br>-7 | 12<br>M   | 24<br>+14 | 1<br>-9  | 18<br>+12 | 0<br>-7  | T<br>-8  | (ACTUAL-MM)    |  |
|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          | (DEPARTURE-MM) |  |
| SAN LUIS<br>33:16S-66:21W        | 4<br>-6  | 50<br>+31 | 112<br>+59 | 43<br>-22 | 57<br>-45 | 31<br>-78 | 75<br>+1 | 94<br>+34 | 9<br>-24  | T<br>-28 | 55<br>+46 | T<br>-13 | 16<br>+6 | (ACTUAL-MM)    |  |
|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          | (DEPARTURE-MM) |  |
| NEUQUEN<br>38:57S-68:08W         | 4<br>-12 | 0<br>-13  | 48<br>+24  | 4<br>-3   | 2<br>-4   | 0<br>-12  | 0<br>-11 | 40<br>+28 | 0<br>-13  | 3<br>-20 | 2<br>-10  | T<br>-10 | 3<br>-13 | (ACTUAL-MM)    |  |
|                                  |          |           |            |           |           |           |          |           |           |          |           |          |          | (DEPARTURE-MM) |  |

## CHILE

|                 | AUG<br>67 | SEP<br>67 | OCT<br>67 | NOV<br>67 | DEC<br>67 | JAN<br>68 | FEB<br>68 | MAR<br>68 | APR<br>68 | MAY<br>68 | JUN<br>68 | JUL<br>68 | AUG<br>68 |                |  |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|--|
| ARICA           | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | (ACTUAL - MM)  |  |
| 18:22S - 70:21W | 0         | 0         | 0         | +2        | M         | 0         | 0         | 0         | M         | 0         | -T        | -T        | 0         | (DEPARTURE MM) |  |
| IQUIQUE         | M         | T         | 0         | 0         | 0         | 0         | 0         | 0         | M         | 0         | 0         | 0         | 0         | (ACTUAL - MM)  |  |
| 20:15S - 70:07W | M         | M         | 0         | 0         | M         | 0         | 0         | M         | M         | 0         | M         | M         | M         | (DEPARTURE MM) |  |
| ANTOFAGASTA     | 2         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 2         | 7         | 0         | 0         | (ACTUAL - MM)  |  |
| 23:28S - 70:26W | +2        | +2        | -1        | +1        | M         | 0         | 0         | 0         | -T        | +2        | +5        | 0         | M         | (DEPARTURE MM) |  |
| COPIAPO         | 6         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 10        | 0         | 0         | 1         | (ACTUAL - MM)  |  |
| 7:21S - 70:20W  | +2        | -2        | -1        | -T        | M         | -0        | 0         | M         | -1        | +5        | -11       | -5        | -3        | (DEPARTURE MM) |  |
| LA SERENA       | 2         | 35        | 3         | 0         | 0         | 0         | 0         | 0         | 0         | T         | 33        | T         | 0         | (ACTUAL - MM)  |  |
| 29:54S - 71:15W | -21       | +29       | 0         | -1        | -1        | -T        | -1        | +1        | -3        | -23       | -6        | -30       | -23       | (DEPARTURE MM) |  |
| PUNTA ANGELES   | 28        | 45        | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 25        | 6         | 24        | (ACTUAL - MM)  |  |
| 33:01S - 71:39W | -39       | +15       | -14       | -4        | -3        | -3        | -3        | -5        | -11       | -73       | -79       | -82       | -43       | (DEPARTURE MM) |  |
| SANTIAGO        | 20        | 31        | 17        | 0         | 0         | 0         | 0         | 0         | 14        | 0         | 26        | 2         | 9         | (ACTUAL - MM)  |  |
| 33:27S - 70:42W | -37       | +2        | +3        | -6        | -4        | -2        | -3        | -5        | -1        | -65       | -56       | -74       | -48       | (DEPARTURE MM) |  |
| RANCAQUI        | 22        | 20        | 11        | 11        | 0         | 0         | 0         | 0         | 12        | 0         | 4         | 4         | 16        | (ACTUAL - MM)  |  |
| 34:10S - 70:45W | -47       | -11       | -8        | +3        | -3        | -4        | -4        | M         | -12       | -85       | -112      | -71       | -53       | (DEPARTURE MM) |  |
| CURICO          | 30        | 35        | 61        | 5         | 0         | 0         | 0         | 0         | 40        | 13        | 29        | 21        | 51        | (ACTUAL - MM)  |  |
| 34:58S - 71:13W | -62       | -17       | +31       | -14       | -9        | -6        | -6        | M         | -1        | -127      | -157      | -119      | -41       | (DEPARTURE MM) |  |
| LINARES         | 64        | 103       | 80        | 35        | 0         | 0         | 16        | 10        | 40        | 6         | 77        | 30        | 28        | (ACTUAL - MM)  |  |
| 35:52S - 71:34W | -66       | +19       | +36       | 6         | -14       | -17       | +3        | M         | -24       | -215      | -134      | -185      | -102      | (DEPARTURE MM) |  |
| CHILLAN         | 133       | M         | 79        | 20        | 22        | 0         | 19        | 24        | 44        | 4         | 61        | 34        | 54        | (ACTUAL - MM)  |  |
| 36:36S - 72:02W | -4        | M         | +30       | -12       | +3        | -23       | +1        | M         | -26       | -180      | -115      | -144      | -83       | (DEPARTURE MM) |  |